

ABSTRACT

A thermoplastic polyether polyurethane having high moisture vapor transmission, high melting point and static dissipative properties is disclosed. The thermoplastic polyether polyurethane is prepared by reacting a hydroxyl terminated polyether intermediate, an aromatic chain extender glycol, and a polyisocyanate. The polymers formed are useful for melt-spun fibers, fabric coatings for breathable garments, house wrap, roofing membranes, and other applications requiring high vapor transmission and high melting points.